

# Alaska Building Science Network

Other Educational and Training Institution

**Address**

PO Box 111097  
Anchorage, AK 99511-1097

**Phone:** 907.562.9927

**Fax:** 907.770.5412

**Website**

<http://www.absn.com/>

**Email**

[absn@alaska.net](mailto:absn@alaska.net)

The Alaska Building Science Network (ABSN) offers training designed to promote energy efficiency in Alaska housing. Some of the class titles they offer include: Boiler Maintenance Workshop, Blower Door Certification, Passive Ventilation, and Cold Climate Homebuilding.

## Education Programs

### Business, management, marketing, and related support service

Integration of Ideas for the Development of Future Research Agenda  
Peak Oil - Recent Developments on the Road to Peak Oil  
The Natural Step: How Cities and Towns Can Change to Sustainable Practices

### Construction trades

Advanced Framing Techniques  
AK Warm - an Introduction for Builders  
AK Warm Basics 101  
AKWarm for Building Energy Design and Analysis  
Anatomy of a Cold Weather Window: 2-Hour  
Anatomy of a Cold Weather Window: 8-Hour  
Appropriate Sustainable Design of Buildings and Constructions  
BEES - Alaska Building Energy Efficiency Standard  
BEES Certification 2008  
Blower Door Introduction  
Blower Door Testing Certification Workshop  
Blueprint Reading Basics  
Build America in Alaska  
Build America Program: Help for Builders  
Building on the Edge: Better Building through Common Sense  
Building Science and Technology in the North  
Building Science for Dummies  
Building the P.E.R.S.I.S.T. House  
Caulking the Weathertight Building Envelope  
Changes to IRC for 2006  
Climate Change Impact on Shelter and Infrastructure in the North  
CO - Are You Alarmed: 1-Hour  
CO - Are You Alarmed: 2-Hour  
Cold Climate Homebuilding: Contractor Residential Endorsement Workshop  
Cold Climate Homebuilding: Foundations  
Cold Climate Homebuilding: Making Houses Work  
Cold Climate Homebuilding: Roofs  
Cold Climate Homebuilding: Walls  
Construction Planning and Management: Rural Focus  
Construction Planning and Management: Urban Focus  
Exterior Ventilated Cladding  
Flashing/Indoor Air Quality  
Flashing: the Naked Truth  
Green Building Products  
Hand and Power Tool Safety  
Health House 1: The Health House Advantage  
Health House 2: Building the Health House  
Ice Dams and Icicles = Heat Loss  
Introduction to Green Building  
Introduction to Green Building - 4 hour version  
Is Your Garage Making You Sick: House-Garage Connection  
Log Homebuilding Design and Techniques: 06-Hour  
Log Homebuilding Design and Techniques: 08-Hour  
Log Homebuilding Design and Techniques: 16-Hour  
Maritime Building Considerations: 1-Hour  
Maritime Building Considerations: 2-Hour  
Multi-Family Buildings: How are they Different from Single Family Homes  
NAHB Green Building Guide Section 1: Introduction and Lot Design, Preparation and Development  
NAHB Green Building Guide Section 2: Resource Efficiency

NAHB Green Building Guide Section 3a: Energy Efficiency 1  
NAHB Green Building Guide Section 3b: Energy Efficiency 2  
NAHB Green Building Guide Section 4: Water Efficiency  
NAHB Green Building Guide Section 5: Indoor Environment Quality  
NAHB Green Building Guide Section 6: Operation, Maintenance, and Homeowner Education  
NAHB Green Building Guide Section 7: Global Impact  
NAHB Green Building Guide Section 8: Sustainable Community Development  
NAHB Green Building Guidelines Section 2: Resource Efficiency  
NAHB Green Building Guidelines: Building Green in Alaska  
No Birds Just BEES  
Proposed Changes to BEES  
Radon Control Strategies for New and Existing Homes  
Rating a Log Home  
Remote Construction Techniques  
Structural Insulated Panel Systems: Preventing Failures  
Successful Building Envelopes: 1-Hour  
Successful Building Envelopes: 2-Hour  
Summer Symposium  
Sustainable and Appropriate Shelter Issues for First Nations Peoples  
The Business Case for Green Building Development  
The Effect Energy has on Building Development  
The How's and Whys of Building Diagnostics  
The Nature of Wood: 1-Hour  
The Nature of Wood: 2-Hour  
The New State of the Art CCHRC Research and Testing Facility  
Trusses  
Vinyl Windows in the Arctic  
Weatherization Technician 1 Training  
Weatherization Technician 2 Training  
What's New in Residential Building Codes  
Where Health and Housing Meet  
Windows/Insulation

#### **Engineering technologies and engineering-related fields**

Water, Buildings, and Architects

#### **Mechanic and repair technologies/technicians**

Alternative Energy in Alaska  
Boiler Maintenance and Repair  
Breathing in Buildings – 3-Hour  
Breathing in Buildings - 4-Hour  
Complying with Ventilations Requirements of BEES  
Energy Programs in Alaska  
Energy Retrofit of an Existing Home  
Energy, Alternative Energy Systems and Infrastructure  
Foundations and Crawl Space Ventilations  
Getting to Zero Energy in Alaska Homes  
Healthy Air: What You Should Know about the Air You Breathe  
Heating and Ventilation Best Practices  
Heating Systems for Energy Efficient Homes: 1-Hour  
Heating Systems for Energy Efficient Homes: 2-Hour  
IAQ - Parking Your Car in the Living Room  
Introduction to Radiant Heat  
Introduction to Solar Energy Design  
Introduction to Solar Thermal Energy  
Mold and Moisture in the Healthy House  
Of Mold, Moisture and Other Things  
Passive Ventilation  
Preventing and Solving Air Quality Problems in Homes  
Solutions to Preventing Moisture Scare  
Ventilation Strategies for Existing Homes  
Ventilation Strategies for New Homes  
Ventilation System Design and Installation  
Ventilation: Understanding ASHRAE 62.2